

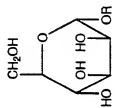
6.51

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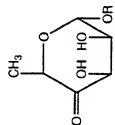
GDP-4-keto, 6-deoxy-(D)-mannose

GDP- (D)-mannose

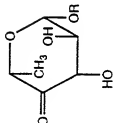
GDP-(L)-fucose



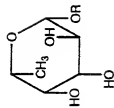
gmd



wcaG

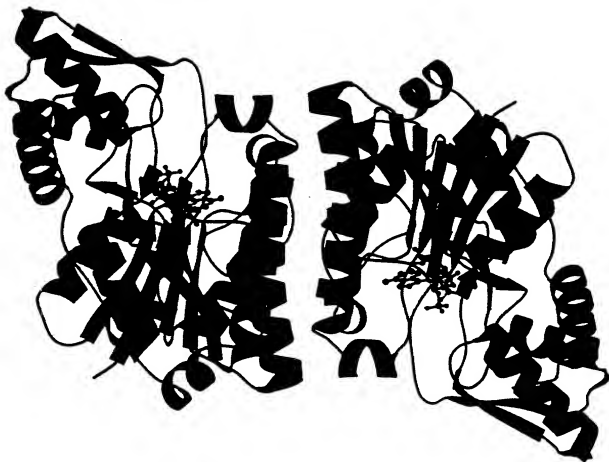


wcaG



R - GDP

Fig 2 (G)



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Figure 4

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gale 1 -MRLVLA...SGYICSETCVOLQNG-HVILLDNLC...KRSVLPVIERLGKHPTFEGE
coli_GFS 3 KQRVPTAGHRGMVGSARRQLPQRQDVLLVLRTR-----DELN
human_GFS 8 -MRLVLTGSGSLVCFALQKVUADQAGGFGEDWFF-----VSSKDAE
consensus 1 .....

gale 59 IRNEALMTEILHDAIDTVIRHAGKRA-VGESVQKPLEYYDNVNGTLRLTISAMRAANVR
coli_GFS 41 ELDSRAWEDFASERIDQVYLAARKVGGIVANNITYEADSIYONBMHESNIIHARHQNDVN
human_GFS 48 EDTAQTRALPEKVQPTVIRLAAMVGGLPFRNIRYNLDFWRKRVHMDNDVILHSRFEVGAR
consensus 61 .....

gale 118 NFKLESSATVYQGNPFIHYVES-YPTGTQ---SPYCKSKLMVBOHLTDLQKAQPDWSIA
coli_GFS 101 KILLGLSSCIYPIILAQPEHASSFLQGTLEPTNFEYATKAGIKCCESKNROY-SADVR
human_GFS 108 KVVSCLSCTCIFDKKTYPIDETHHNGCPHNSNFCGYSVARRMLIVQNRATPQQV-SCNE
consensus 121 .....

gale 174 LRRYFNPVGAHPSCDMGSDPQCIPNNLEFYTAQVAVGR----RDSLAFFGNDYPTEDCGE
coli_GFS 160 SVMETNLYGPH-----DNFEPNSNSHVIPALRRFPEATQANPFDVVVWGS-----GFE
human_GFS 167 AVIPTNVFGPHDNF-----NIEDGVLFGLIRRVILAKS-SGSALT-VWCGG-----NE
consensus 181 .....

gale 230 VRDYIHVMDLADGEVUAMEKLANK-----EGVHINLGAAGVCHSVLDVYNAPSKACCKP
coli_GFS 208 MREELHVDWMAASIEVHMLAHEVNLNTQEMSHINVGCGVCHIRELAQTAAVYVCKK
human_GFS 214 RROETYSLDLAQLFHWVIREYNE-----VEFILLISVGEDEVSIEKPAFAAVVDAMDEH
consensus 241 .....

gale 284 VNYHAPRREEGDLPAYWADAASKADRETNWRVTRTLEMAQDTWBMQSRHPGGVPPD
coli_GFS 268 GRVVFPAARPDGTPRRKLLGVTRREQ-DCWHEHISTEAGLASTYQWFLFNODRE
human_GFS 267 GEVTFDPTTSSDCQFKKTASNSKLRITYPDREFTFFKQAVKETCAWFEDNVEQARK
consensus 301 .....

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600 11 Aug 78

11 Aug 78

Fig 5 A.

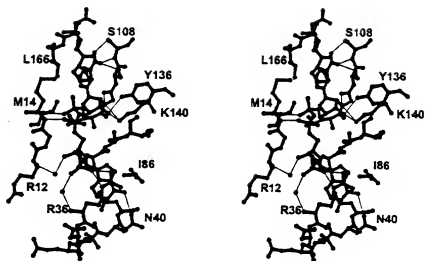


Fig 5 B

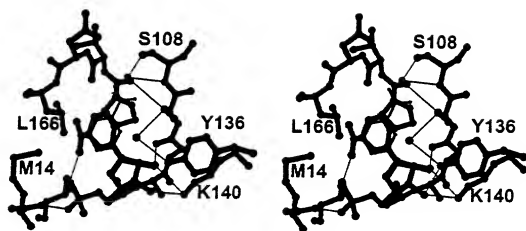
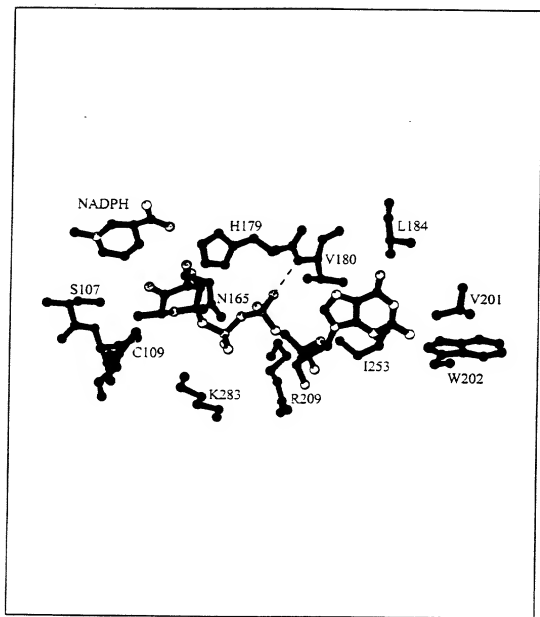


Fig 6



1986 June 1-4 1.26 MAMP. RUB

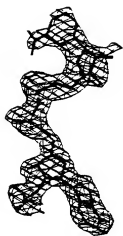


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Place on side by MAPH. GB.

1.05

Fig 8 C.



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